

Amendments to the Claims

This listing of claims, if entered, will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1. **(Currently Amended)** A method comprising:
providing an automated option via a first communication channel during first
communication between a server and the first communication channel;
determining that a second communication between the server and a second
communication channel is related to the first communication;
and
via the second communication channel, ~~providing an automated suggestion to select~~
transmitting a computer generated voice message to a telephone, wherein the
computer generated voice message suggests selecting the automated option.
2. **(Original)** The method of claim 1 further comprising:
obtaining a first identifier for first data related to the first communication;
obtaining a second identifier for second data related to the second communication;
if the first identifier and the second identifier are the same,
using at least one of the first data and the second data to perform an action during at least
one of the first communication and the second communication.
3. **(Original)** The method of claim 2 wherein
at least one of the first data and the second data comprises a diagnostic code, and
the action comprises providing second information decoded from the diagnostic code.
4. **(Original)** The method of claim 3 wherein
the second information comprises at least one of
telemetry data, and
diagnostic information.

5. (Original) The method of claim 3 further comprising:
providing the second information for viewing.
6. (Original) The method of claim 2 wherein
the action comprises
providing third data obtained using at least one of the first identifier and the second
identifier.
7. (Original) The method of claim 2 wherein
the action comprises
providing a second automated option during at least one of the first communication and
the second communication.
8. (Original) The method of claim 2 wherein
the action comprises
providing a second automated suggestion to select a second automated option provided
during at least one of the first communication and the second communication.
9. (Original) The method of claim 1 wherein
the first communication channel is of a first type,
the second communication channel is of a second type, and
the first type and the second type are different.
10. (Cancelled)
11. (Original) The method of claim 2 wherein
the first data are unavailable via the second communication channel, and
the second data are unavailable via the first communication channel.

12. **(Currently Amended)** The method of claim 2 wherein
at least one of the first data and the second data comprises diagnostic information for a
problem with ~~the problem entity~~ a computer system.
13. **(Currently Amended)** The method of claim 2 wherein
at least one of the first data and the second data comprises information for identifying the
~~problem entity~~ a computer system.
14. **(Original)** The method of claim 1 wherein
a first one of the first and second communication channels is a telephone channel; and
a second one of the first and second communication channels is a web channel.
15. **(Cancelled)**
16. **(Cancelled)**
17. **(Original)** The method of claim 1 wherein
the automated option is a solution to a problem with a problem entity, and
the first communication and the second communication provide data about the problem
with the problem entity.
18. **(Original)** The method of claim 1 further comprising:
gathering data related to a problem with a problem entity via at least one of the first
communication channel and the second communication channel.
19. **(Currently Amended)** A system comprising:
first providing means for providing an automated option via a first communication
channel during first communication between a server and the first communication
channel;
determining means for determining that a second communication between the server and
a second communication channel is related to the first communication;

and

~~second providing~~ transmitting means for ~~providing an automated suggestion to select~~
transmitting a computer generated voice message to a telephone, wherein the
computer generated voice message suggests selecting the automated option,
wherein the ~~automated suggestion is provided~~ computer generated voice message
is transmitted via the second communication channel.

20. (Original) The system of claim 19 further comprising:
first obtaining means for obtaining a first identifier for first data related to the first communication;
second obtaining means for obtaining a second identifier for second data related to the second communication;
using means for using at least one of the first data and the second data to perform an action during at least one of the first communication and the second communication if the first identifier and the second identifier are the same.
21. (Original) The system of claim 20 further comprising:
third providing means for providing second information decoded from a diagnostic code, wherein
at least one of the first data and the second data comprises the diagnostic code.
22. (Original) The system of claim 20 further comprising:
third providing means for providing third data obtained using at least one of the first identifier and the second identifier.
23. (Original) The system of claim 20 further comprising:
third providing means for providing a second automated option during at least one of the first communication and the second communication.
24. (Cancelled)

25. **(Currently Amended)** A system comprising:
- a first ~~providing~~ module configured to provide an automated option via a first communication channel during first communication between a server and the first communication channel;
 - a determining module configured to determine that a second communication between the server and a second communication channel is related to the first communication;
- and
- a second ~~providing~~ module configured to ~~provide an automated suggestion to select~~ transmit a computer generated voice message to a telephone, wherein the computer generated voice message suggests selecting the automated option, wherein the automated suggestion is provided computer generated voice message is transmitted via the second communication channel.
26. **(Original)** The system of claim 25 further comprising:
- a first obtaining module configured to obtain a first identifier for first data related to the first communication;
 - a second obtaining module configured to obtain a second identifier for second data related to the second communication;
 - a using module configured to use at least one of the first data and the second data to perform an action during at least one of the first communication and the second communication if the first identifier and the second identifier are the same.
27. **(Original)** The system of claim 26 further comprising:
- a third providing module configured to provide second information decoded from a diagnostic code, wherein
- at least one of the first data and the second data comprises the diagnostic code.
28. **(Original)** The system of claim 26 further comprising:
- a third providing module configured to provide third data obtained using at least one of the first identifier and the second identifier.
29. **(Cancelled)**

30. (Cancelled)

31. (Currently Amended) A computer-readable medium that stores instructions, the instructions comprising:

first ~~providing~~ instructions configured to provide an automated option via a first communication channel during first communication between a server and the first communication channel;

determining instructions configured to determine that a second communication between the server and a second communication channel is related to the first communication;

and

second ~~providing~~ instructions configured to provide ~~an automated suggestion to select a computer generated voice message to a telephone, wherein the computer generated voice message suggests selecting the automated option, wherein the automated suggestion computer generated voice message~~ is provided via the second communication channel.

32. (Currently Amended) The computer-readable medium of claim 31 ~~further comprising wherein the instructions further comprise:~~

first obtaining instructions configured to obtain a first identifier for first data related to the first communication;

second obtaining instructions configured to obtain a second identifier for second data related to the second communication;

using instructions configured to use at least one of the first data and the second data to perform an action during at least one of the first communication and the second communication if the first identifier and the second identifier are the same.

33. (Currently Amended) The computer-readable medium of claim 32 ~~further comprising wherein the instructions further comprise:~~

third providing instructions configured to provide second information decoded from a diagnostic code, wherein
at least one of the first data and the second data comprises the diagnostic code.

34. (Currently Amended) The computer-readable medium of claim 32 ~~further comprising wherein the instructions further comprise:~~

third providing instructions configured to provide third data obtained using at least one of the first identifier and the second identifier.

35. (Cancelled)

36. (Cancelled)

37. (Currently Amended) A computer system comprising:

a processor for executing instructions; and

a memory to store the instructions, wherein the instructions comprise

first ~~providing~~ instructions configured to provide an automated option via a first

communication channel during first communication between a server and the first communication channel;

determining instructions configured to determine that a second communication between the server and a second communication channel is related to the first communication;

and

second ~~providing~~ instructions configured to provide ~~an automated suggestion to select a~~
computer generated voice message to a telephone, wherein the computer
generated voice message suggests selecting the automated option, wherein the
~~automated suggestion~~ computer generated voice message is provided via the
second communication channel.

38. (Original) The computer system of claim 37 wherein the instructions further comprise:
first obtaining instructions configured to obtain a first identifier for first data related to
the first communication;
second obtaining instructions configured to obtain a second identifier for second data
related to the second communication;
using instructions configured to use at least one of the first data and the second data to
perform an action during at least one of the first communication and the second
communication if the first identifier and the second identifier are the same.
39. (Original) The computer system of claim 38 wherein the instructions further comprise:
third providing instructions configured to provide second information decoded from a
diagnostic code, wherein
at least one of the first data and the second data comprises the diagnostic code.
40. (Original) The computer system of claim 38 wherein the instructions further comprise:
third providing instructions configured to provide third data obtained using at least one of
the first identifier and the second identifier.
41. (Cancelled)
42. (Cancelled)